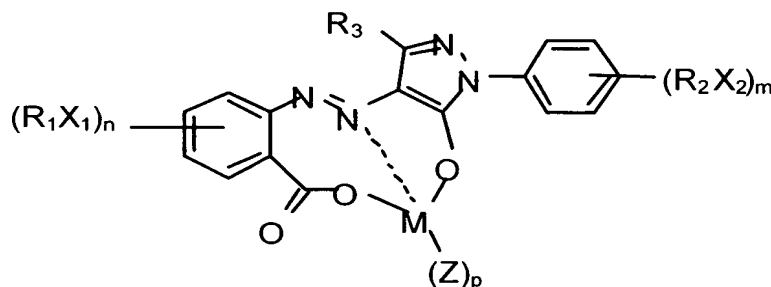


Appl. No. 10/706,417  
Amdt. dated September 27, 2005  
Reply to Office Action of June 30, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended). A printing ink composition comprising a metal-complexed dye represented by the formula



or a salt thereof

wherein:

M is a ~~metal~~ copper;

$R_1$  and  $R_2$  each independently is a solubilizing group;

$R_3$  is selected from the group consisting of:

- (1) alkyl;
- (2) cyano;
- (3) COOH; and
- (4) CONH<sub>2</sub>;

$X_1$  and  $X_2$  each independently is a counterion;

Z is a ligand;

n is an integer of from 1 to 3;

Appl. No. 10/706,417  
Amdt. dated September 27, 2005  
Reply to Office Action of June 30, 2005

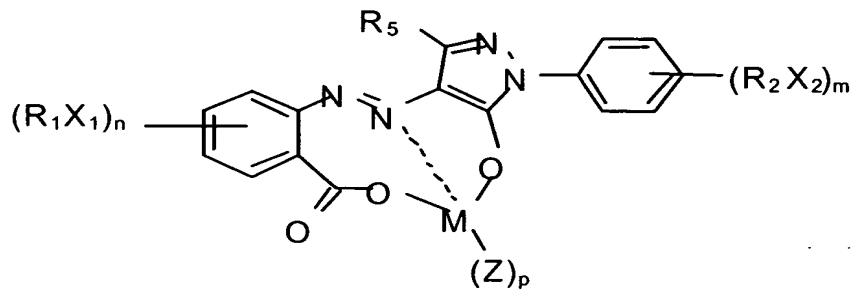
m is an integer of from 1 to 3; and  
p is an integer of from 1 to 3;  
dissolved or dispersed in a liquid carrier.

Claim 2 (original). The printing ink composition according to Claim 1 wherein said liquid carrier comprises water.

Claim 3 (canceled hereby).

Claim 4 (original). The printing ink composition according to Claim 1, wherein at least one of  $X_1$  and  $X_2$  is an alkali metal ion.

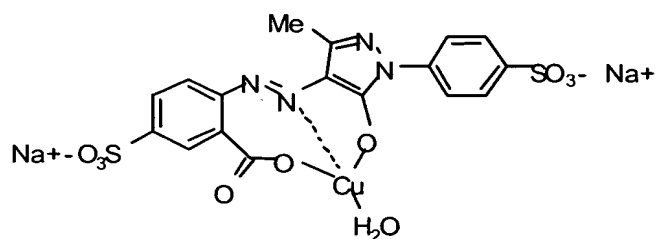
Claim 5 (original). The printing ink composition according to Claim 1 which includes a dye represented by the formula



Appl. No. 10/706,417  
Amdt. dated September 27, 2005  
Reply to Office Action of June 30, 2005

wherein  $R_5$  is alkyl and M,  $R_1$ ,  $R_2$ ,  $X_1$ ,  $X_2$ , Z, m, n and p are as defined in claim 1.

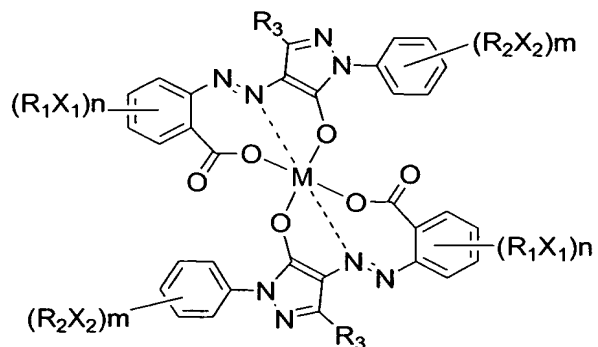
Claim 6 (currently amended). The printing ink composition according to Claim 1 which includes a dye represented by the formula



Claim 7 (original). An ink jet ink comprising a solution of a dye according to Claim 1 in water, aqueous alcohol or an aqueous glycol.

Claim 8 (currently amended). A printing ink composition comprising a metal-complexed dye represented by the formula

Appl. No. 10/706,417  
 Amdt. dated September 27, 2005  
 Reply to Office Action of June 30, 2005



wherein:

M is a ~~metal~~ copper;

R<sub>1</sub> and R<sub>2</sub> each independently is a solubilizing group;

R<sub>3</sub> is selected from the group consisting of:

- ~~(5)~~ (1) alkyl;
- ~~(6)~~ (2) cyano;
- ~~(7)~~ (3) COOH; and
- ~~(8)~~ (4) CONH<sub>2</sub>;

X<sub>1</sub> and X<sub>2</sub> each independently is a counterion;

n is an integer of from 1 to 3; and

m is an integer of from 1 to 3;

dissolved or dispersed in a liquid carrier.

Claim 9 (original). The printing ink composition according to Claim 8 wherein said liquid carrier comprises water.

Claim 10 (canceled hereby).

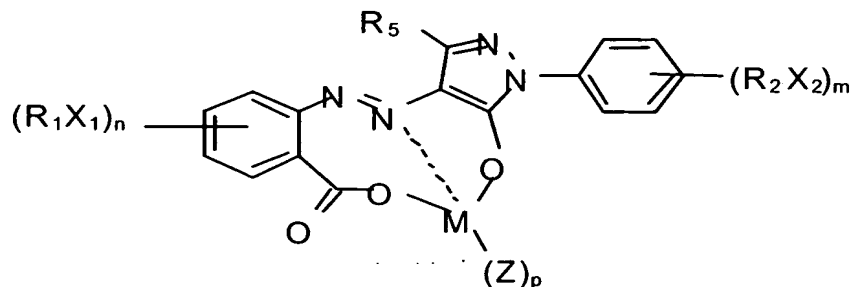
Appl. No. 10/706,417  
Amdt. dated September 27, 2005  
Reply to Office Action of June 30, 2005

Claim 11 (original). The printing ink composition according to Claim 8 wherein at least one of  $X_1$  and  $X_2$  is an alkali metal ion.

Claim 12 (original). An ink jet cartridge comprising a housing having walls defining a reservoir and an outlet opening, the cartridge containing an ink jet ink according to Claims 1 or 8.

Claim 13 (original). An ink jet printing method comprising forming a plurality of drops of an ink composition, and directing said drops onto an ink receptive material to form an image thereon, wherein said ink composition is according to Claims 1 or 8.

Claim 14 (currently amended). A metal-complexed dye represented by the formula



where

$M$  is ~~a metal~~ copper;

Appl. No. 10/706,417  
Amdt. dated September 27, 2005  
Reply to Office Action of June 30, 2005

R<sub>1</sub> and R<sub>2</sub> each independently is a solubilizing group;  
R<sub>5</sub> is alkyl cyano, COOH or CONH<sub>2</sub>;  
X<sub>1</sub> and X<sub>2</sub> each independently is a counterion;  
Z is a ligand;  
n is an integer of from 1 to 3;  
m is an integer of from 1 to 3; and  
p is an integer of from 1 to 3.

Claim 15 (original). A metal-complexed dye according to Claim 14 wherein R<sub>5</sub> is methyl.

Claim 16 (canceled hereby).